A DATA NETWORK WITH INDEPENDENT TRANSMISSION CHANNELS

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5   ## ABSTRACT OF THE DISCLOSURE

A data network provides independent transmission channels for transmitting high bandwidth and low latency information data packets between nodes. The data information packets are organized into at least two groups of data packets according to predetermined criteria. The predetermined criteria includes a latency budget of the

10   data packets, the size of the data packets and the type of operation. The low latency channel is also coupled to transmit control information relating to network protocol.